

ABSTRACT

An object of the present invention is to provide a novel chromoprotein derived from *Cnidopus japonicus*. The present invention provides a chromoprotein derived from *Cnidopus japonicus* having the following properties:

- (1) the absorption maximum wavelength is 610 nm, and fluorescence is not emitted;
- (2) the molar absorption coefficient is 66,700 at 610 nm; and
- (3) the pH sensitivity of light-absorbing property is stable at between pH 4 and pH 10.